

HCV NS3 c33c (Genotype 5a, 1192-1459) - Purified

Alternate names:	Hepatitis C Virus Serine protease NS3
Catalog No.:	BIN155
Quantity:	1 mg
Concentration:	1.0 mg/ml
Background:	Hepatitis C Virus is a positive, single stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins and several non structural proteins necessary for viral replication. Several different genotypes of HCV with slightly different genomic sequences have since been identified that correlate with differences in response to treatment with interferon alpha.
Source:	E. coli
Format:	State: Liquid purified fraction (>95% pure by 10% PAGE coomassie staining). Purity: GS-4B Sepharose affinity chromatography. Buffer System: 25 mM Tris-HCl, 1 mM EDTA, 1.5 M Urea containing 50% glycerol and no preservatives.
Applications:	Suitable for use in ELISA and Western blots. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Hepatitis C Virus (HCV) NS3 c33c (amino acids 1192-1459), Subtype 5a, Recombinant. Contains full-length HCV NS3 (c33c) immunodominant region. Not full-length NS3. Contains GST fusion partner. Immunoreactive with HCV positive sera including sera with antibodies to NS3 secondary structure domains.
Storage:	Store the antigen at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid multiple freeze/thaw cycles. Shelf life: six months from despatch.